

Work Order ID 67601

Monday, March 28, 2011 12:45:16 PM



Page 1

Item ID: D2654-7

Accept



Setup Start



Revision ID:

Item Name: Web

Stop



Start Date: 3/28/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 3/31/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan:

H

Date:

11-03-28

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D2654

Rev E1

100

0.00



Skidtubes

Skidtubes

Memo

0.00

Skidtubes

1-Cut D2600-7 to length as per Dwg D2654
2-Drill pilot holes in web using drill jig DT 8018-7 as per Dwg D2654
3-Using the uni-bit, open holes to finish size as per Dwg D2654
4-Deburr holes and ends

4

JB

11/03/29

110

0.00



Chemical Conversion Coat per QSI005 4.1

HandFinish

Memo

0.00

Hand Finishing

4

JB

11/03/29

120

0.00



QC5- Inspect part completeness to step on W/O

QC

Memo

0.00

Quality Control

DP

11-3-31

4

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng				Sign & Date

NOTE: Date & initial all entries

Work Order ID 67601

Monday, March 28, 2011 12:45:16 PM



Page 2

Item ID: D2654-7

Accept



Setup Start



Revision ID:

Stop



Item Name: Web

Start Date: 3/28/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 3/31/2011 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

QC3- Inspect Part Finish

0.00



DP

11-3-31

QC

Memo

0.00

Quality Control

140

Identify as per dwg & Stock Location: *LC*

0.00



Packaging

Memo

0.00

Packaging

4

11/03/31

150

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/3/31

11-03-31

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, March 28, 2011 12:45:28 PM

Page 1

Work Order ID: 67601



Parent Item: D2654-7



Parent Item Name: Web


Start Date: 3/28/2011

Required Date: 3/31/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:D□99.02.04□Fixed typo, Changed procedure□DM□
IPP Rev:e□06.04.05 Added level21 EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2600-7-140 		Manufactured	No			100	Each	30.0000	1	4			

EXT. "I BEAM" THICK

Location

LG

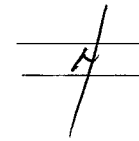
41591

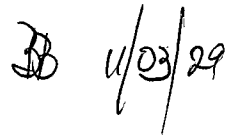
Loc Qty

30

30

Loc Code





W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector	
			Initial Chief Eng	Action Description Chief Eng				Sign & Date

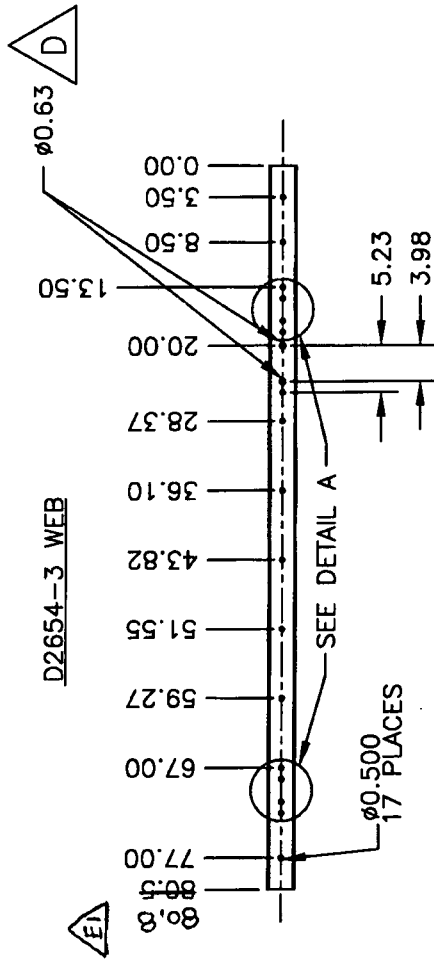
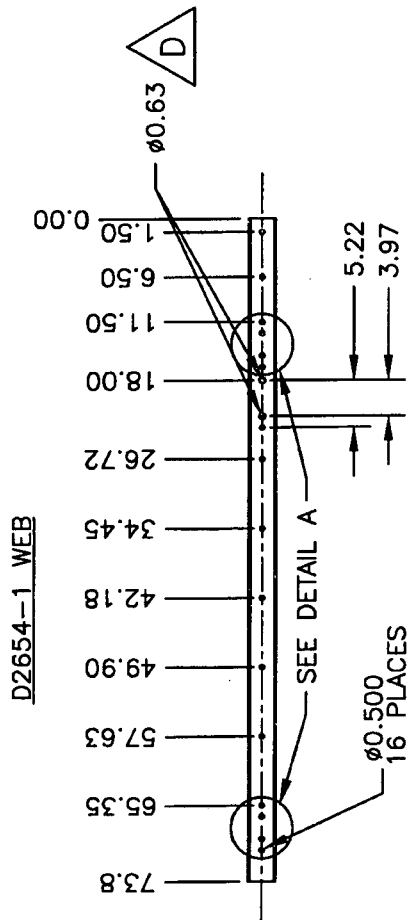
NOTE: Date & initial all entries

DART
DEO ATTACHED

OF COPY ISSUED

DESIGN	CP	DRAWN BY	CP	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED	#	APPROVED	#	DRAWING NO. D2654	REV. E SHEET 1 OF 2
DATE	04.05.26			TITLE WEB	SCALE 1:20
A	97.03.25	NEW ISSUE			
B	97.06.26	ALTER HOLE PATRN., 0.500 WAS 0.438			
C	97.10.29	CHANGED HOLE PATTERN			
D	98.01.15	GHW HOLES CHANGED TO $\phi 0.63$			
E	04.05.26	CHANGE LENGTHS, REFORMAT			
E1	CP # 04.08.24	PER TOOLING; 80.8 WAS 80.5			

RELEASED
04.06.22



MAKE FROM D2600-5-108 EXTRUSION
FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

Copyright © 1997 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

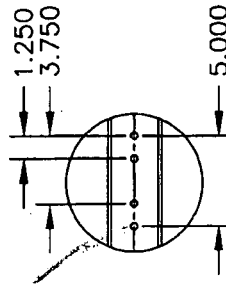


DESIGN <i>UP</i>	DRAWN BY <i>UP</i>	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2654	REV. E SHEET 2 OF 2
DATE 04.05.26		TITLE WEB	SCALE 1:20

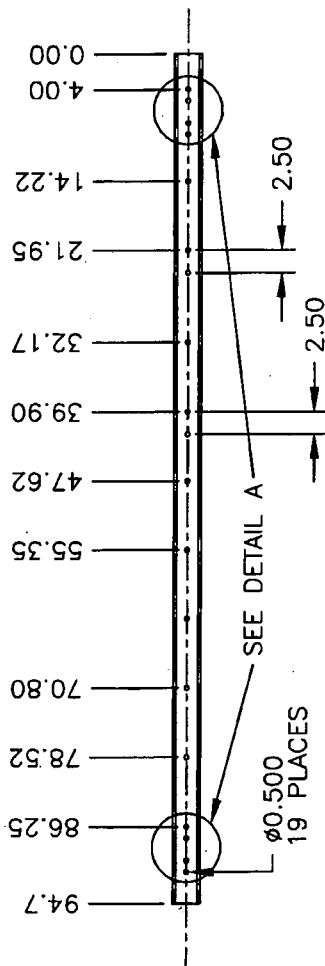
RELEASED
04.06.22

DEO ATTACHED

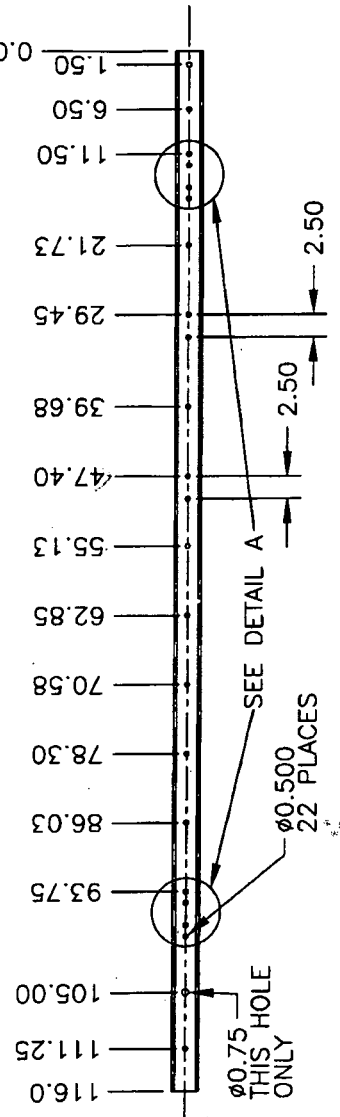
DETAIL A
SCALE 1:10



D2654-5 WEB



D2654-7 WEB



MAKE FROM D2600-7-125 EXTRUSION
FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

Copyright © 1997 by DART AEROSPACE USA, INC.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

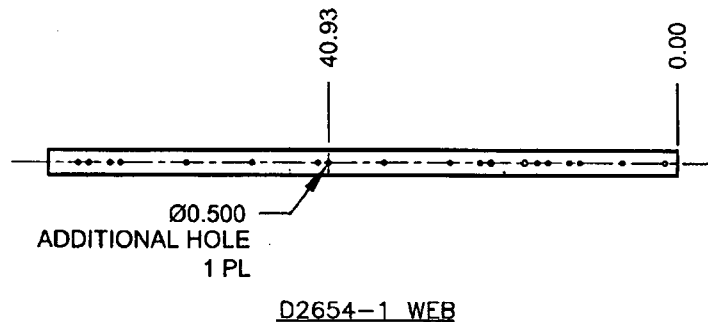
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

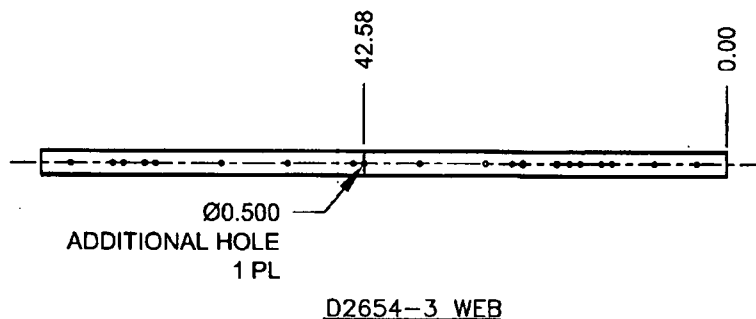
DRAWING NO. D2654	TITLE WEB	REV. E1	DART AEROSPACE USA, INC ENGINEERING ORDER		D.E.O. NO. D2654-E-2	SHEET NO. SHEET 1 OF 1	SCALE NTS
DRAWN <i>CP</i>	CHECKED <i>PH</i>	MFG. APPR. <i>E</i>	APPROVED <i>MP</i>		DE APPR. <i>MP</i>		
DATE 09.03.11	DATE 09.03.11	DATE 09.04.03	DATE 09.04.03		DATE 09.04.03		

DRILL AN ADDITIONAL HOLE IN THE D2654-1 AND D2654-3 WEB AT THE LOCATION INDICATED:

RELEASED
09/04/08 *MP*



W/O 47201



THE ADDITIONAL HOLE IS REQUIRED FOR COMPATIBILITY WITH D3804-041/-043 SKIDTUBE ASSEMBLIES. ALL OTHER INFORMATION REMAINS UNCHANGED.

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries